Transactions of the

Royal Society of Canada

Mémoires de la

Société royale du Canada

1990 / SIXTH SERIES / VOLUME I
1990 / SIXIÈME SÉRIE / TOME I

The Royal Society of Canada / La Société royale du Canada / Ottawa

EDITORIAL AND PUBLICATIONS COMMITTEE /
COMITÉ D'ÉDITION ET DES PUBLICATIONS

James A. Leith, Honorary Editor / Directeur des Publications
Claude T. Bishop, Honorary Editor / Directeur des Publications
Maurice Lebel, Académie des lettres et des sciences humaines
Ian M. Drummond, Academy of Humanities and Social Sciences
Taylor A. Steeves, Academy of Science / Académie des sciences

© The Royal Society of Canada / La Société royale du Canada 1992
Printed in Canada by Lowe-Martin Company Inc., Ottawa
CN ISSN 0035-9122

Contents / Matières

ABSTRACTS / RÉSUMÉS ix

SYMPOSIUM: *Women in Scholarship: One Step Forward, Two Steps Back?*
COLLOQUE : *Les femmes et le haut savoir : un pas en avant, deux pas en arrière ?*

Introduction / *Susan Mann Trofimenkoff, F.R.S.C.* 3
J'étais là / *Louis Courville* 7
La suite du 6 décembre / *Rose Sheinin, F.R.S.C.* 11
Harassment and "Backlash": Common Threads, Any Solution? / *Peta Tancred* 17
Harming Women: The Backlash to Feminism? / *Kai Nielsen, F.R.S.C.* 21
Women in Engineering / *Monique Frize* 31
A Paradigm Shift in Canadian Law Schools? / *Mary Jane Mossman* 37
The Sandbox and the Tools / *Ursula Franklin, O.C., F.R.S.C.* 43

ACADÉMIE I : Académie des lettres et des sciences humaines

Colloque : *Le développement des relations du Canada avec l'Asie-Pacifique*

Évolution des échanges académiques entre le Canada et le Bassin du Pacifique : enjeux, contraintes et perspectives de développement / *Claude Yves Charron* 49
L'enseignement supérieur en Chine : développements récents / *Jacques Lamontagne* 71
L'avant-pays canadien des ports chinois / *Claude Comtois, François Soulard et Jean-Paul Rodrigue* 81
Le Japon face à la montée du bloc commercial de la CEE : analyse des réactions et des stratégies / *Alex Macleod* 105
La modernisation de la Chine dans le miroir de l'histoire : continuités et ruptures / *Charles Le Blanc, m.s.r.c.* 117

ACADEMY II: Academy of Humanities and Social Sciences

Symposium: *Canada and the Growing Presence of Asia*

Canada in the Pacific Community / *Rod Dobell and K. Lorne Brownsey* 129
The Evolution of Income and Competitiveness in the North Pacific Rim / *Ardo H. Hansson and John F. Helliwell, F.R.S.C.* 145
Canada and Taiwan: A Forty-Year Survey / *Paul M. Evans* 165
Canada and the People's Republic of China: Twenty Years of a Bilateral Relationship, 1970-1990 / *B. Michael Frolic* 187
Canada and Southeast Asia: An Overview of Unfinished Policies / *Gérard Hervouet* 207
Chinese-Canadian Trade Relations / *Ralph W. Huenemann* 223

The Canada Hong Kong Relationship / *M.D. Copithorne* 237
Vancouver: A Pacific Rim City in the Making and the Hong Kong Connections that are Helping to Shape its Pacific Future / *Michael A. Goldberg* 245
Some Influences of Chinese Art on Canadian Art? / *James O. Caswell* 259

ACADEMY III: Academy of Science / Académie des sciences

Address by Academy President: Normal and malignant hemopoiesis; models of growth differentiation and cancer / *E.A. McCulloch, O.C., F.R.S.C.* 271

Symposium: *Marine Resources of the North Pacific*

Introduction / *Edward M. Donaldson, F.R.S.C.* 293
Tectonics of the Northeast Pacific / *Tanya Atwater* 295
History of Marine Resources of the Northeast Pacific Since the Last Glaciation / *Richard Hebda and S. Gay Frederick* 319
The North Pacific Ocean Environment / *Paul H. LeBlond, F.R.S.C. and Keith A. Thomson* 343
Fisheries Resources of the North Pacific Ocean / *Peter A. Larkin, F.R.S.C.* 353
Aquaculture and Food: Opportunities and Constraints / *John E. Bardach* 371
Industrial and Domestic Pollution in the North Pacific / *Michael Waldichuk* 387
Possible Impacts of Climate Change on the North Pacific Ocean and its Marine Resources / *Gordon A. McBean* 435
Marine science and resources: international issues and opportunities / *Warren S. Wooster* 453

AWARD WINNER / LAURÉAT MÉDAILLÉ

The Flavelle Medal Address / Seals: Diving to the Edge of Hypoxic Crisis / *Peter W. Hochachka, F.R.S.C.* 463

BIOGRAPHICAL SKETCHES OF DECEASED FELLOWS
NOTICES NÉCROLOGIQUES DES MEMBRES DÉCÉDÉS
Peter H. Brieger / *Luba Eleen* 473
Earle Wilcox Crampton / *Lewis E. Lloyd* 479
Jean Darbelnet / *Jean-Paul Vinay, C.M., m.s.r.c.* 483
Horatio Lovat Dickson / *Francess G. Halpenny, C.C., F.R.S.C.* 489
William Thomas Easterbrook / *Ian Parker* 495
James Gibbard / *A.W. Jackson* 501
George Parkin Grant / *John F. Graham, F.R.S.C., and Nita Graham* 505
J. Russell Harper / *Francess G. Halpenny, C.C., F.R.S.C.* 511
James Merritt Harrison / *Digby J. McLaren, O.C., F.R.S.C.* 517
John William Hopkins / *C.T. Bishop, F.R.S.C.* 523
J.A. Jeletzky / *E.T. Tozer, F.R.S.C.* 527
Ernest Håkan Kranck / *Maxwell Dunbar, O.C., F.R.S.C. and Michael J. Keen, F.R.S.C.* 531
Léon Lortie / *Pierre Dansereau, C.C., m.s.r.c.* 535
Malcolm Francis McGregor / *Homer A. Thompson, F.R.S.C.* 541
Murchie Kilburn McPhail / *Morley G. Whillans* 547
James Alexander Morrison / *Michael L. Klein, F.R.S.C.* 551
Lloyd Alexander Munro / *Saul Wolfe, F.R.S.C.* 555
F.E.L. Priestley / *William Blissett, F.R.S.C.* 559
D.J. (Sam) Samborski / *Don Harder* 563
Donald Victor Smiley / *Alan C. Cairns, F.R.S.C.* 567
Charles Perry Stacey / *J.L. Granatstein, F.R.S.C.* 573
Erich von Richthofen / *Kurt L. Levy, F.R.S.C.* 577

Arthur Gowsell Ward / *G.C. Hanna, F.R.S.C.* 581
Norman McQueen Ward / *David E. Smith, F.R.S.C.* 585
William Warntz / *Donald G. Janelle* 589
William Heriot Watson / *R.E. Bell, C.C., F.R.S.C. and E.R. Pounder, F.R.S.C.* 595
Robert Thomas D. Wickenden / *C.R. Stelck, F.R.S.C.* 599
John Charles Wilt / *R.G.E. Murray, F.R.S.C.* 603

APPENDIX / ANNEXE

Publications of The Royal Society of Canada
Publications de la Société royale du Canada 611